

WHAT IS CLAIMED IS:

1 1. A link lock system for a network, comprising:
2 a computer;
3 a network interface device to provide the computer with
4 access to the network;
5 a bus monitor to monitor a first link between the
6 network interface device and the computer, where said bus
7 monitor reports detected failures or intrusions; and
8 a security switch to switch the first link from a non-
9 secured mode to a secured mode when a report of said
10 detected failures or intrusions is received from the bus
11 monitor.

1 2. The system of claim 1, wherein said computer is a
2 server.

1 3. The system of claim 1, wherein the network
2 operates in a secured mode using an HTTP-S protocol.

1 4. The system of claim 1, wherein said non-secured
2 mode of the first link between the network device and the
3 computer uses HTTP protocol.

1 5. The system of claim 4, wherein said secured mode
2 of the first link between the network device and the
3 computer uses HTTP-S protocol.

1 6. The system of claim 1, further comprising:
2 a controller that receives the report from the bus
3 monitor and sends control signals to the network interface
4 device, the security switch, and the computer.

1 7. The system of claim 6, further comprising:
2 an encryption element in the computer, where said
3 encryption element converts data placed on said first link
4 to a secured protocol when the control signal is received
5 from said controller.

1 8. A system for a server, comprising:
2 an interface device to provide the server with access
3 to a network; and
4 a controller to monitor a link between the interface
5 device and the server, where said controller switches the
6 link from a non-secured protocol to a secured protocol when
7 failures or intrusions are detected on the link.

1 9. The system of claim 8, wherein the network is
2 Internet, such that the non-secured protocol includes HTTP
3 and the secured protocol includes HTTP-S.

1 10. The system of claim 8, wherein said controller
2 sends a control signal to the server when failures or
3 intrusions are detected on the link.

1 11. The system of claim 10, further comprising:
2 an encryption element in the server, where said
3 encryption element converts data placed on said link by the
4 server to a secured protocol when the control signal is
5 received from said controller.

1 12. A method, comprising:
2 monitoring a link between a network device and a
3 computer;
4 first directing the link to use a secured protocol when
5 failures or intrusions are detected on the link; and
6 second directing the link to revert to a non-secured
7 protocol when said detected failures or intrusions have been
8 corrected.

1 13. The method of claim 12, wherein said non-secured
2 protocol includes HTTP protocol.

1 14. The method of claim 12, wherein said secured
2 protocol includes HTTP-S protocol.

1 15. The method of claim 12, wherein the computer is a
2 server.

1 16. An apparatus comprising a machine-readable storage
2 medium having executable instructions that enable the
3 machine to:

4 monitor a link between a network device and a server;
5 first directing the link to use a secured protocol when
6 failures or intrusions are detected on the link; and
7 second directing the link to revert to a non-secured
8 protocol when said detected failures or intrusions have been
9 corrected.

1 17. The apparatus of claim 16, wherein said non-
2 secured protocol includes HTTP protocol.

1 18. The apparatus of claim 16, wherein said secured
2 protocol includes HTTP-S protocol.